
Verizon New England Inc.

2. Packet At Remote Platform**2.1 Packet at Remote Platform (CLEC-Provided Line Card Option UNEs (Plug And Play))**

2.1.1 Description

A. CLEC-Provided Line Card Option UNEs (Plug and Play) is a combination of network elements that provide data transport service between a demarcation point at the end user's premises and a customer specified termination at the CLEC's arrangement in the end user's serving wire center. CLEC-Provided Line Card Option UNEs (Plug and Play) will be made available in accordance with applicable law. Only end users that are served by specially equipped digital subscriber line capable remote terminals will be reachable by CLEC-Provided Line Card Option UNEs (Plug and Play).

1. The following website contains a list of those CLEC-Provided Line Card Option UNEs (Plug and Play)-equipped remote terminal locations.

a. www.XXXXXX.com.

B. CLEC-Provided Line Card Option UNEs (Plug and Play), which is available where facilities exist, supports ADSL capability to the end user's premises with an unspecified bit rate quality of service on an ATM compatible interface at the collocation arrangement. Transmission rates of DS3 (45 Mbps) or OC3c (155 Mbps) are available for the connection to the cage. At the end user premises, one PVC per connection is supported. With each PVC connection, the carrier must specify the virtual path identifier/virtual channel identifier used at both the end user's location and at the CLEC cage.

1. The ATM compatible interface is a dedicated port on an optical concentration device in the end user serving wire center. The bit rate for these ports is either DS3 or OC3c. These ports must be in conformance with ANSI standards. Technical specifications are described in TR – NWT – 0011121 and GR – 1110 – CORE, Issue 1.

2. The PVC is a virtual connection between two locations. The PVC defines a path across the ATM transport and is established via the local service request process.

3. A virtual path identifier/virtual channel identifier is a numerical identifier in the ATM cell header that indicates the virtual path/channel for routing a cell in the ATM transport.

C. Will support the following configurations.

1. CLEC Data with Telephone Company retail voice service

2. CLEC Data with CLEC dial tone

3. CLEC Data-only service

Verizon New England Inc.

2. Packet At Remote Terminal Platform

2.1 Packet at Remote Terminal Platform CLEC-Provided Line Card Option UNEs (Plug and Play)

2.1.1 Description

- D. CLEC-Provided Line Card Option** — At the option of the CLEC, will be provisioned with a CLEC-provided line card (i.e., plug and play) so as to provide the means for CLECs to place compatible DSL-capable integrated line cards into remote terminals.
1. Next generation digital loop carrier (as referenced in this tariff) is the equipment in the RTEE which provides slots to place xDSL digital line cards. The ADLU card is an ADSL service card which, in combination with the rest of the NGDLC hardware and software, splits/combines the voice and data signal and packetizes the data providing ATM data transport to the customer's serving wire center.
 2. The CLEC may provide the compatible xDSL integrated line card for CLEC Data with CLEC dial tone service or for the CLEC data-only service. CLECs may provide their own line card in either a virtual or physical collocation arrangement using any line card approved by Telephone Company for use in the NGDLC remote terminals.
- a. The approved line cards that designate which can be used in which remote terminal are listed at www.YYYYY.com

2.1.2 Functionality of Service/Service Configurations

- A. The basic functionality consists of transporting xDSL customer data from a customer premises to the customer's serving wire center via ATM transport technology. Each ATM cell is delivered unchanged from the source to the destination.
- B. **Use in Connection with CLEC Data and CLEC Dial Tone Service** — The Telephone Company will provide a data handoff and a voice grade service handoff to the CLEC at its collocation arrangement in the central office.
- C. **Use in Connection with CLEC Data-Only Service** — The Telephone Company will provide a data handoff to the CLEC at its collocation arrangement in the central office.
- D. **Use in Connection with CLEC Data with Telephone Company Retail Voice Service** — The Telephone Company will provide a data handoff to the CLEC at its collocation arrangement in the central office.

Verizon New England Inc.

2. Packet At Remote Terminal Platform

2.2 Packet at Remote Terminal Service CLEC-Provided Line Card Option UNEs (Plug and Play)

2.2.1 General

- A. Prior to ordering CLEC-Provided Line Card Option UNEs (Plug and Play) service for a line, at least one ATM compatible interface (i.e., OCD port) in the end user customer's serving wire center connecting to the CLEC's collocation arrangement at transmission rates of DS3 or OC3c must be in place. This is provisioned via the access service request process.
- B. The CLEC must order one PVC with UBR quality of service and the data transmission rate of one of the following bands for each line. This is provisioned via the LSR process. The LSR that provisions the PVC also provisions the distribution facility between the RT and end user.
1. **Band 1** — A maximum upstream data rate of 256 kbps. A maximum downstream data rate of 640 kbps.
 2. **Band 2** — A maximum upstream data rate of 256 kbps. A maximum downstream data rate of 1.6 Mbps.
 3. **Band 3** — A maximum upstream data rate of 832 kbps. A maximum downstream data rate of 4.0 Mbps.
 4. **Band 3** — A maximum upstream data rate of 832 kbps. A maximum downstream data rate of 7.1 Mbps.
- C. **CLEC-Provided Line Card Option**
1. A slot houses a single line card that may service one or more lines. NGDLC slots can be ordered in increments of a single slot. The NGDLC slot equipped with an appropriate line cord must be in place prior to ordering a line under this option.
 2. **Virtual Collocation** — For virtual collocation, the CLEC will submit an order requesting the dispatch of a Telephone Company technician or at the CLEC option a CLEC technician to install the requested line card in a previously ordered slot. The CLEC will maintain an inventory of line cards in collocation space in the serving wire center of the remote terminal where virtual collocation option is selected. Installation of line cards will be performed during the maintenance window.
 3. **Physical Collocation** — For physical collocation, installation of line cards will be performed during the maintenance window.
 4. A CLEC may submit one LSR to establish the parts service for a line (refer to 1.2.1b. above) or subsequent to the installation of the line card, the CLEC may submit an LSR to establish the CLEC-Provided Line Card Option UNEs (Plug and Play) for a line (refer to 1.2.1B. above).

Verizon New England Inc.

2. Packet At Remote Terminal Platform

2.3 Responsibility of the Telephone Company

2.3.1 General

- A. The Telephone Company's responsibility will be limited to the furnishing of communications facilities suitable for the packet transport at the remote terminal CLEC-Provided Line Card Option UNEs (Plug and Play) interface.
- B. The Telephone Company is not responsible for the installation, operation, maintenance or additional cost of any equipment or facilities provided by the end user customer or CLECs.

2.3.2 Maintenance

- A. On occasion network upgrades will be performed. Network upgrades will be planned to provide customers reasonable and timely notification and to minimize customer service impacts.
- B. **CLEC-Provided Line Card Option**
 - 1. **Virtual Collocation** — The CLEC or at the CLEC option will maintain the equipment. The CLEC must maintain an inventory of maintenance spare line cards in collocation space in the serving wire center accessible to the Telephone Company.
 - 2. **Physical Collocation** — The CLEC or at the CLEC option will restore service at the slot in the remote terminal.

Verizon New England Inc.

2. Packet At Remote Terminal Platform

2.4 Responsibility of the CLEC

2.4.1 CLEC-Provided Equipment

- A.** Equipment provided by the customer must meet the following interface requirements.
- 1.** The CLEC shall provide compatible equipment (e.g., routers, etc.) in accordance with Interface specifications defined in the ATM Forum UNI 3.0 or 3.1 specifications for PVCs.

2.4.2 Slot Abandonment

- A. CLEC-Provided Line Card Option**
- 1. Virtual Collocation** — When the CLEC wishes to discontinue use of a slot, the CLEC or at the CLEC option the Telephone Company personnel to recover any line card that may be left in the slot and the line card recovery charge applies. The Telephone Company will return the line card to the CLEC's collocation space in the serving wire center.
- 2. Physical Collocation** — The CLEC will recover the CLEC's line card.

Verizon New England Inc.

2. Packet At Remote Terminal Platform**2.5 Regulations**

2.5.1 Description

- A.** For CLEC-Provided Line Card Option UNEs (Plug and Play) service, the customer will incur charges for the port on the OCD (according to transmission rate), a PVC charge (according to QoS and transmission rate) and CLEC-Provided Line Card Option UNEs (Plug and Play) line charge (according to service configuration). An OCD port can accommodate multiple CLEC-Provided Line Card Option UNEs (Plug and Play) lines served by the same central office. The PVC and CLEC-Provided Line Card Option UNEs (Plug and Play) line charges apply per line connected.
- B.** For CLEC-Provided Line Card Option UNEs (Plug and Play) service with a CLEC provided line card, the customer will incur charges for the port on the OCD (according to transmission rate), once the order is completed, a SLOT charge when the card is inserted, a PVC charge (according to QoS and transmission rate) as customers are added and a CLEC-Provided Line Card Option UNEs (Plug and Play) the sub-loop charge as customers are added without line card charge (according to service configuration). One OCD port can accommodate multiple CLEC-Provided Line Card Option UNEs (Plug and Play) lines served by the same central office. The PVC and CLEC-Provided Line Card Option UNEs (Plug and Play) line with CLEC-provided line card charges apply per line connected. The SLOT charge applies per SLOT used.
- C.** An administrative charge will be applied whenever a customer initiated change is made to the parameters of a PVC regarding speed or other service parameters that require no changes in physical facilities, and are able to be implemented from the Telephone Company network control center without dispatch of a technician to the customer location.
- D.** In addition to the preceding line charges PVC NRCs and monthly rates will apply in accordance with the data rate band provided.
- E.** OCD port NRCs and monthly rates will apply for the ATM port, based on the transmission rate of the interface.
- F.** Collocation cross-connection charges will apply based on the transmission rate of the cross-connection (refer to Part E of this tariff).
- G.** In the event the Telephone Company equips a remote terminal for CLEC-Provided Line Card Option UNEs (Plug and Play) at the request of a CLEC and dedicates some or all of the capacity of that terminal to the CLEC, or otherwise equips a remote terminal on an involuntary basis for a CLEC, a site preparation NRC will apply.
- H.** CLEC-Provided Line Card Option UNEs (Plug and Play) manual testing charges will apply when such service is required.

- I.** One Service Order Charge applies (refer to Part A, Section 3).
- J.** Manual Intervention Surcharges may apply (refer to Part A, Section 3).
- K.** Installation charges apply for each OCD port, NGDLC slot, CLEC-Provided Line Card Option UNEs (Plug and Play) line, and PVC ordered.
- L.** False dispatch, customer not ready, and manual intervention surcharges will apply to CLEC-Provided Line Card Option UNEs (Plug and Play) (refer to Part A Section 3). In addition, a false dispatch charge will apply when the Telephone Company technician requires a CLEC provided maintenance spare line card and none has been pre-positioned at the serving wire center.
- M.** A false installation dispatch charge will apply where the CLEC requests a dispatch of a Telephone Company technician to install a line card and no spare line cards are available in the CLEC collocation space in the serving wire center.